American Petroleum Institute
1220 L Street, NW
Washington, DC 20005

A2575-1

Weekly Statistical Bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
Vol: 74 No: 53 For Week Ending: December 31, 1993

SUMMARY

(In Thousands of 42-gallon barrels per day, except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data received from reporting companies)

	Current Week Ending: 12/31/93	Last Week Ending: 12/24/93	Last Year Week Ending: 01/01/93	Change from Last Week	Change from Last Year
REFINERY OPERATIONS					
Input to Crude Distillation	13,939	13,693	13,478	246	461
Operable Capacity	15,145	15,145	15,552	0	-407
Percent Operated	92.0	90.4	86.7		
MOTOR GASOLINE					
Total Motor Gasoline Production	7,699	7,587	7,575	112	124
Total Motor Gasoline Stocks	224,354	224,455	215,168	-101	9,186
Total Finished Gasoline Stocks	183,111	184,458	175,499	-1,347	7,612
Blending Components Stocks	41,243	39,997	39,669	1,246	1,574
JET KEROSINE					
Total Jet Kerosine Production	1,421	1,410	1,363	11	58
Total Jet Kerosine Stocks	38,783	37,697	40,188	1,086	-1,405
DISTILLATE FUEL OIL					
Total Distillate Production	3,501	3,399	3,237	102	264
Total Distillate Stocks	144,976	142,749	141,283	2,227	3,693
RESIDUAL FUEL OIL					
Total Residual Fuel Production	949	834	848	115	101
Total Residual Fuel Stocks	46,400	44,508	45,802	1,892	598
IMPORTS					
Crude Oil Imports	6,615	6,032	5,760	583	855
Product Imports	1,398	1,482	2,103	-84	-705
CRUDE OIL STOCKS	341,604	347,898*	321,501	-6,294	20,103
CRUDE SUPPLY BALANCE	-687				

See Definitional Notes on Page 6.

*See revisions, Page 7.

American Petroleum Institute
1220 L Street, NW
Washington, DC 20005

Weekly Statistical Bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
Vol: 74 No: 53
For Week Ending: December 31, 1993

U.S. REFINERY OPERATIONS

(Daily Averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Processing Units	Input to Crude Oil Distillation Units	Operable Capacity	Percent Operated
East Coast	1,500	1,221	1,247	1,442	86.5
Appal. No. 1	83	82	82	109	75.2
PADD 1 TOTAL	1,583	1,303	1,329	1,551	85.7
Week Ago	1,537	1,327	1,347	1,551	86.8
Year Ago	1,628	1,308	1,309	1,544	84.8
IN, IL, KY	2,307	2,068	2,158	2,327	92.7
MN, WI, ND, SD	356	345	345	368	93.8
OK, KS, MO	695	621	631	726	86.9
PADD 2 TOTAL	3,358	3,034	3,134	3,421	91.6
Week Ago	3,312	3,065	3,175	3,421	92.8
Year Ago	3,343	3,085	3,110	3,356	92.7
Inland TX	581	554	554	530	104.5
TX Gulf Coast	3,441	2,903	2,949	3,231	91.3
LA Gulf Coast	2,723	2,576	2,597	2,646	98.1
N. LA and AR	213	193	193	256	75.4
NM	89	89	89	95	93.7
PADD 3 TOTAL	7,047	6,315	6,382	6,758	94.4
Week Ago	6,892	6,148	6,231	6,758	92.2
Year Ago	6,894	6,056	6,152	7,173	85.8
PADD 4 TOTAL	480	457	461	519	88.8
Week Ago	472	432	436	519	84.0
Year Ago	451	425	434	514	84.4
PADD 5 TOTAL	2,853	2,581	2,633	2,896	90.9
Week Ago	2,583	2,465	2,504	2,896	86.5
Year Ago	2,547	2,437	2,473	2,965	83.4
U.S. TOTAL	15,321	13,690	13,939	15,145	92.0
Week Ago	14,796	13,437	13,693	15,145	90.4
Year Ago	14,863	13,311	13,478	15,552	86.7

See Definitional Notes on Page 6.

U.S. REFINERY OUTPUT

(Daily Averages in thousands of 42-gallon barrels)

DISTRICT	Finished Motor Gasoline				Naphtha Jet Fuel	Kerosine Jet Fuel			Distillate Fuel			Residual Fuel
	Total	Finished Oxygen'd	Finished Reform'd	Other Finished		Total	Commerc'l Spec	Military Spec	Total	<=.05% sulfur	>.05% sulfur	
East Coast	909	339	—	570	3	97	88	9	411	192	219	125
Appal. No. 1	26	—	—	26	—	—	—	—	22	13	9	4
PADD 1 TOTAL	935	339	—	596	3	97	88	9	433	205	228	129
Week Ago	860	276	—	584	5	82	76	6	421	91	330	120
Year Ago	901	*na*	*na*	*na*	10	64	*na*	*na*	408	*na*	*na*	105
IN, IL, KY	1,285	512	—	773	6	135	135	—	557	355	202	104
MN, WI, ND, SD	184	42	—	142	—	32	32	—	83	24	59	7
OK, KS, MO	396	208	—	188	2	31	31	—	193	100	93	5
PADD 2 TOTAL	1,865	762	—	1,103	8	198	198	—	833	479	354	116
Week Ago	1,826	745	—	1,081	9	206	206	—	876	440	436	87
Year Ago	1,780	*na*	*na*	*na*	9	203	*na*	*na*	753	*na*	*na*	84
Inland TX	317	8	—	309	5	40	34	6	143	131	12	14
TX Gulf Coast	1,580	336	—	1,244	—	278	239	39	737	436	301	224
LA Gulf Coast	1,386	127	—	1,259	18	341	328	13	676	281	395	110
N. LA and AR	62	—	—	62	11	6	6	—	53	20	33	9
NM	55	4	—	51	1	9	—	9	39	39	—	1
PADD 3 TOTAL	3,400	475	—	2,925	35	674	607	67	1,648	907	741	358
Week Ago	3,403	448	—	2,955	59	674	616	58	1,595	874	721	346
Year Ago	3,488	*na*	*na*	*na*	92	630	*na*	*na*	1,547	*na*	*na*	320
PADD 4 TOTAL	232	15	—	217	12	16	16	—	133	90	43	10
Week Ago	219	11	—	208	8	26	26	—	125	67	58	9
Year Ago	238	*na*	*na*	*na*	10	35	*na*	*na*	110	*na*	*na*	26
PADD 5 TOTAL	1,267	555	—	712	9	436	367	69	454	244	210	336
Week Ago	1,279	603	—	676	—	422	397	25	382	218	164	272
Year Ago	1,168	*na*	*na*	*na*	24	431	*na*	*na*	419	*na*	*na*	313
U.S. TOTAL	7,699	2,146	—	5,553	67	1,421	1,276	145	3,501	1,925	1,576	949
Week Ago	7,587	2,083	—	5,504	81	1,410	1,321	89	3,399	1,690	1,709	834
Year Ago	7,575	*na*	*na*	*na*	145	1,363	*na*	*na*	3,237	*na*	*na*	848

See Definitional Notes on Page 6.

STOCKS OF SELECTED PRODUCTS
(in thousands of 42-gallon barrels)

Vol: 74 No: 53

For Week Ending: December 31, 1993

DISTRICT	Motor Gasoline [1]						Jet Fuel		Distillate Fuel			Residual Fuel	Unfinished Oils
	Total	Finished Motor Gasoline				Blending Components	Naphtha Type	Kerosine Type	Total	Sulfur <= .05%	Sulfur > .05%		
		Total Finished	Finished Oxygen'd	Finished Reform'd	Other Finished								
New England	4,948	4,932	514	—	4,418	16	75	456	12,997	2,466	10,531	1,196	—
Central Atlantic	35,404	30,109	9,202	—	20,907	5,295	125	4,125	38,211	9,389	28,822	14,598	10,018
Lower Atlantic	24,647	24,417	4,183	—	20,234	230	161	4,611	14,347	7,168	7,179	2,852	362
PADD 1 TOTAL	64,999	59,458	13,899	—	45,559	5,541	361	9,192	65,555	19,023	46,532	18,646	10,380
Week Ago	64,654	59,052	13,241	—	45,811	5,602	260	9,020	65,144	19,187	45,957	17,617	10,135
Year Ago	59,978	53,547	*na*	*na*	*na*	6,431	383	10,451	66,784	*na*	*na*	18,167	11,411
PADD 2 TOTAL	55,988	47,919	682	—	47,237	8,069	644	7,009	36,177	22,986	13,191	3,348	14,222
Week Ago	56,563	48,493	687	—	47,806	8,070	657	7,293	34,164	21,163	13,001	3,181	14,828
Year Ago	56,610	48,552	*na*	*na*	*na*	8,058	1,059	8,757	31,853	*na*	*na*	2,219	14,972
PADD 3 TOTAL	64,599	47,749	5,987	—	41,762	16,850	1,000	13,634	28,252	11,993	16,259	16,371	43,259
Week Ago	64,794	48,774	6,012	—	42,762	16,020	1,236	12,722	28,696	13,348	15,348	15,893	44,200
Year Ago	62,028	45,918	*na*	*na*	*na*	16,110	1,680	14,147	30,005	*na*	*na*	16,107	47,983
PADD 4 TOTAL	6,826	4,574	512	—	4,062	2,252	240	446	3,303	1,885	1,418	420	2,785
Week Ago	6,809	4,704	565	—	4,139	2,105	216	432	3,199	2,088	1,111	421	2,722
Year Ago	6,071	4,449	*na*	*na*	*na*	1,622	233	543	2,271	*na*	*na*	409	2,035
PADD 5 TOTAL	31,942	23,411	8,627	—	14,784	8,531	412	8,502	11,689	7,211	4,478	7,615	20,465
Week Ago	31,635	23,435	8,322	—	15,113	8,200	397	8,230	11,546	7,422	4,124	7,396	20,089
Year Ago	30,481	23,033	*na*	*na*	*na*	7,448	1,247	6,290	10,370	*na*	*na*	8,900	20,788
U.S. TOTAL	224,354	183,111	29,707	—	153,404	41,243	2,657	38,783	144,976	63,098	81,878	46,400	91,111
Week Ago	224,455	184,458	28,827	—	155,631	39,997	2,766	37,697	142,749	63,208	79,541	44,508	91,974
Year Ago	215,168	175,499	*na*	*na*	*na*	39,669	4,602	40,188	141,283	*na*	*na*	45,802	97,189

See Definitional Notes on Page 6.

PRODUCTION AND IMPORTS OF CRUDE OIL (INCLUDING LEASE CONDENSATE)

(daily averages in thousands of 42-gallon barrels)

DISTRICT	Estimated Crude Oil Production	Crude Oil Imports	
		Total	Canadian
PADDs 1-4			
Week Ended: December 31, 1993	4,312.0	6,324	975
Week Ended: December 24, 1993	4,312.0	5,823	1,226
Week Ended: December 17, 1993	4,312.0	6,482	766
Week Ended: January 1, 1993	4,352.0	5,468	724
DOE latest (08/93):	4,240.0		
PADD 5			
Week Ended: December 31, 1993	2,639.0	291	54
Week Ended: December 24, 1993	2,639.0	209	77
Week Ended: December 17, 1993	2,639.0	332	83
Week Ended: January 1, 1993	2,668.0	292	87
DOE latest (08/93):	2,478.0		
TOTAL U.S.			
Week Ended: December 31, 1993	6,951.0	6,615	1,029
Week Ended: December 24, 1993	6,951.0	6,032	1,303
Week Ended: December 17, 1993	6,951.0	6,814	849
Week Ended: January 1, 1993	7,020.0	5,760	811
DOE monthly - year ago	6,937.0		
DOE latest (08/93):	6,718.0		

CRUDE OIL STOCKS BY LOCATION

(in thousands of 42-gallon barrels)

	PADD 1	PADD 2	PADD 3	PADD 4	PADD 5		TOTAL
					TOTAL	ALASKAN IN TRANSIT BY WATER	
Current Week	13,967	78,714	165,852	10,799	72,272	19,806	341,604
Week Ago	14,970	77,517*	169,966*	10,633	74,812*	19,073	347,898*
Year Ago	13,715	70,776	153,410	10,787	72,813	17,725	321,501

Daily Average Crude Oil Supply Balance (in Thousands of 42-gallon barrels)	
Current Week:	-687
1992 Average:	282
1992 Positive Average:	511
1992 Negative Average:	-479

See Definitional Notes on Page 6.

*See revisions, Page 7.

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

Vol: 74 No: 53

For Week Ending: December 31, 1993

DISTRICT	Motor Gasoline				Blending Components	Jet Fuel		Distillate Fuel			Residual Fuel	LPGs	Unfinished Oils	Other	Total
	Total	Finished Oxygen'd	Finished Reform'd	Other Finished		Naphtha Type	Kerosine Type	Total	Sulfur <= .05%	Sulfur > .05%					
New England	—	—	—	—	—	—	6	51	34	17	51	—	—	—	108
Central Atlantic	68	—	—	68	—	—	—	19	14	5	134	12	143	51	427
Lower Atlantic	44	—	—	44	—	—	25	13	13	—	35	—	—	—	117
PADD 1 TOTAL	112	—	—	112	—	—	31	83	61	22	220	12	143	51	652
week ago	250	—	—	250	1	—	56	105	37	68	274	15	73	4	778
4 Week averages															
avg - current 4 weeks	228	—	—	228	14	7	55	114	34	80	326	22	145	39	950
avg - year ago 4 weeks	184	*na*	*na*	*na*	38	6	79	187	*na*	*na*	424	35	150	57	1,160
PADDs 2-4 TOTAL	—	—	—	—	—	—	—	10	3	7	12	176	308	169	675
week ago	6	—	—	6	—	—	1	9	9	—	111	89	397	24	637
4 Week averages															
avg - current 4 weeks	5	—	—	5	4	—	1	11	9	2	52	113	327	115	628
avg - year ago 4 weeks	4	*na*	*na*	*na*	3	4	19	10	*na*	*na*	68	159	239	102	608
PADD 5 TOTAL	7	—	—	7	—	—	5	3	—	3	8	3	15	30	71
week ago	6	—	—	6	—	—	4	3	—	3	38	3	7	6	67
4 Week averages															
avg - current 4 weeks	6	—	—	6	—	—	5	3	—	3	18	4	8	17	61
avg - year ago 4 weeks	2	*na*	*na*	*na*	1	—	4	3	*na*	*na*	6	4	16	2	38
U.S. TOTAL	119	—	—	119	—	—	36	96	64	32	240	191	466	250	1,398
week ago	262	—	—	262	1	—	61	117	46	71	423	107	477	34	1,482
4 Week averages															
avg - current 4 weeks	239	—	—	239	17	7	61	128	43	85	396	139	480	171	1,638
avg - year ago 4 weeks	190	*na*	*na*	*na*	42	10	102	199	*na*	*na*	499	199	404	162	1,807

See Definitional Notes on Page 6.

DEFINITIONAL NOTES FOR API'S *WEEKLY STATISTICAL BULLETIN*

GENERAL NOTES

Data published in the *Weekly Statistical Bulletin* are estimates made by API's Finance, Accounting and Statistics Department, based on data collected from reporting companies.

Data are for the week ended 7 a.m. Friday. For purposes of monthly aggregation of imports and refinery activities, and for monthly interpolation of inventories, the API treats 7 a.m. Friday as midnight Thursday.

The *Bulletin* classifies U.S. territories (i.e. Puerto Rico, Virgin Islands, Guam etc.) as foreign entities.

Definitions used by the API throughout the *Weekly Statistical Bulletin* are the same as those used by the Energy Information Administration of the Department of Energy in their *Petroleum Supply Monthly* and *Petroleum Supply Annual* publications.

Data for the corresponding week of the last year are from the published *Bulletin* for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE/EIA's *Petroleum Supply Annual*.

NOTES ON INVENTORIES

Inventory figures published in this report are those held in primary storage (i.e., at refineries, bulk terminals and in pipelines). They represent API estimates of inventories available for current shipment as well as those not available, such as stocks held in tank bottoms, pipeline fill, and in other equipment to assure continuous operations.

Stocks of oxygenated, reformulated, and other gasoline represent *finished* motor gasoline located at refineries, bulk terminals and pipelines. Motor gasoline blending components (i.e. straight run gasolines, alkylate, and reformate) are categorized separately, but are included in the total motor gasoline stock figure. Stocks of unblended oxygenates (such as MTBE and ethanol) are not included in this report. Oxygenates are reflected in the API numbers only to the extent they have been blended into finished product. The API publishes a separate weekly report on production and inventories of oxygenates on Thursdays.

NOTE ON CRUDE OIL PRODUCTION

Estimates of monthly crude oil production (including lease condensate production) are made by API the first week of the month. These estimates are generally held constant throughout the month, but may be revised at a subsequent date as more current information is received.

NOTE ON IMPORTS

Imports of crude oil and refined products include crude produced and product refined outside the 50 states and the District of Columbia. Shipments from U.S. territories such as the Virgin Islands and Puerto Rico are considered imports. Also, API classifies all withdrawals from bonded storage as imports. Geographical detail is based on port of entry basis, and timing is considered to be the time a shipment clears customs.

NOTE ON CRUDE STOCKS

Crude oil stocks include stocks on leases, but do not include stocks held in the Strategic Petroleum Reserve.

NOTE ON CRUDE SUPPLY BALANCE

The Crude Supply Balance is the arithmetic difference (in MB/D) between those factors that make up crude supply (i.e. domestic production plus imports plus stock draws) and those that make up crude demand (i.e. crude runs plus exports plus crude used directly plus crude losses). A negative volume, for example, indicates a supply greater than disposition, while a positive volume indicates the opposite.

NOTES ON GEOGRAPHICAL DETAIL

Petroleum Administration for Defense (PAD) districts provide the most oft-cited basis for regional supply and disposition statistics. Generally speaking, District 1 includes the East Coast states, District 2 the Midwest, District 3 the Gulf Coast (including Texas and New Mexico), District 4 the Rocky Mountain states, and District 5 the West Coast (including Alaska and Hawaii). More specific information on which states are included in which PAD districts is available from DOE or API.

API publishes refinery inputs and production data at a sub-PAD level for Districts 1, 2, and 3. The composition of these sub-Districts are easily determined by their titles. For product inventories and imports, API publishes data at a sub-PAD level for District 1 (which is different from the District 1 breakdown provided for refinery activities). For the purposes of inventories and imports, District 1 is dissected into the following three areas:

1)	New England	ME, NH, VT, MA, RI, and CT
2)	Central Atlantic	NY, NJ, PA, DE, MD, and DC
3)	Lower Atlantic	VA, WV, NC, SC, GA, and FL

API Weekly Statistical Bulletin
Week Ended: December 31, 1993

Revisions

12/24/93 PAGE 4 STOCKS CRUDE OIL

PADD 2 TOTAL	77,517
PADD 3 TOTAL	169,966
PADD 5 TOTAL	74,812
U.S. TOTAL	347,898